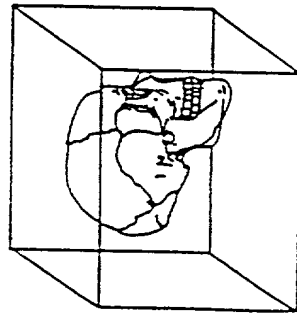
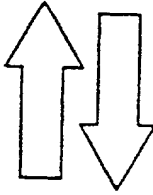


FIG. 1  
PRIOR ART



PRE-SURGICAL SCANS  
(IMAGE DATASET)



REGISTRATION



POSITION IN  
SURGERY

FIG. 2A

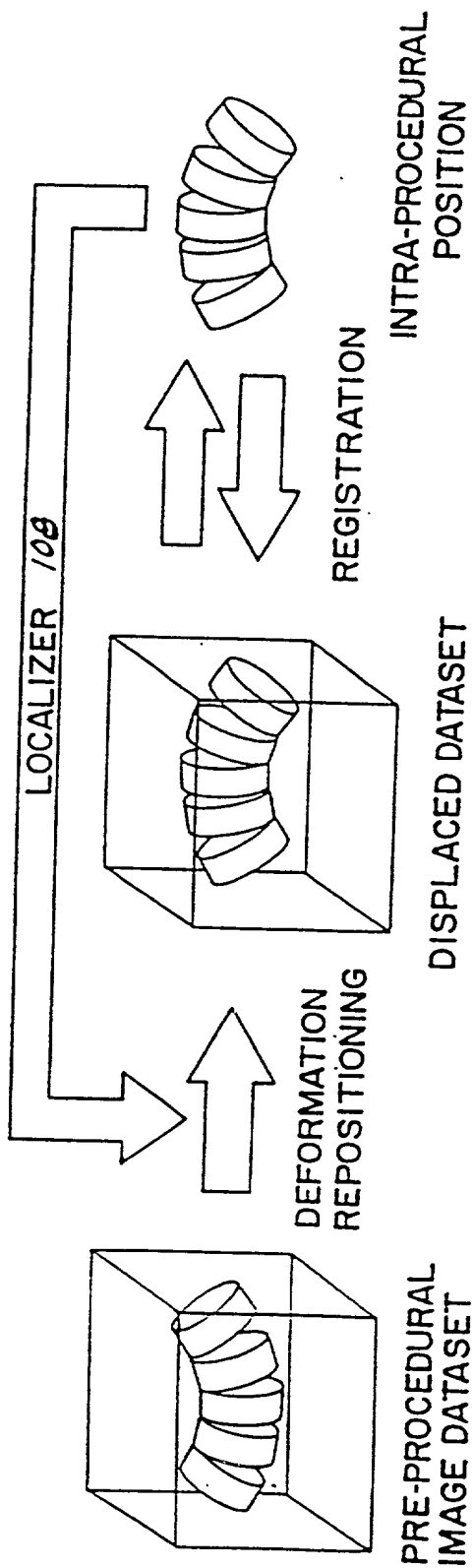


FIG. 2B

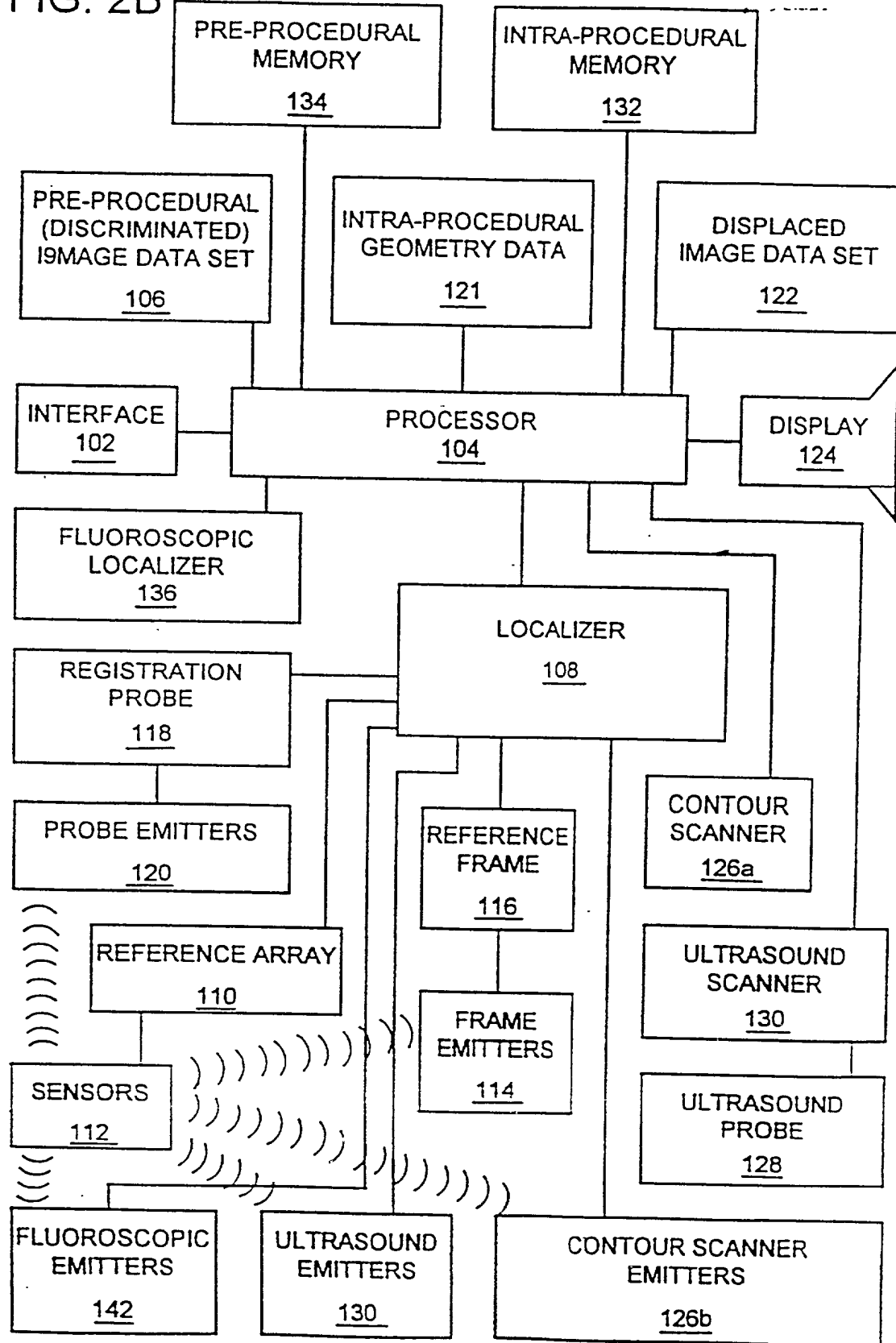


FIG. 3

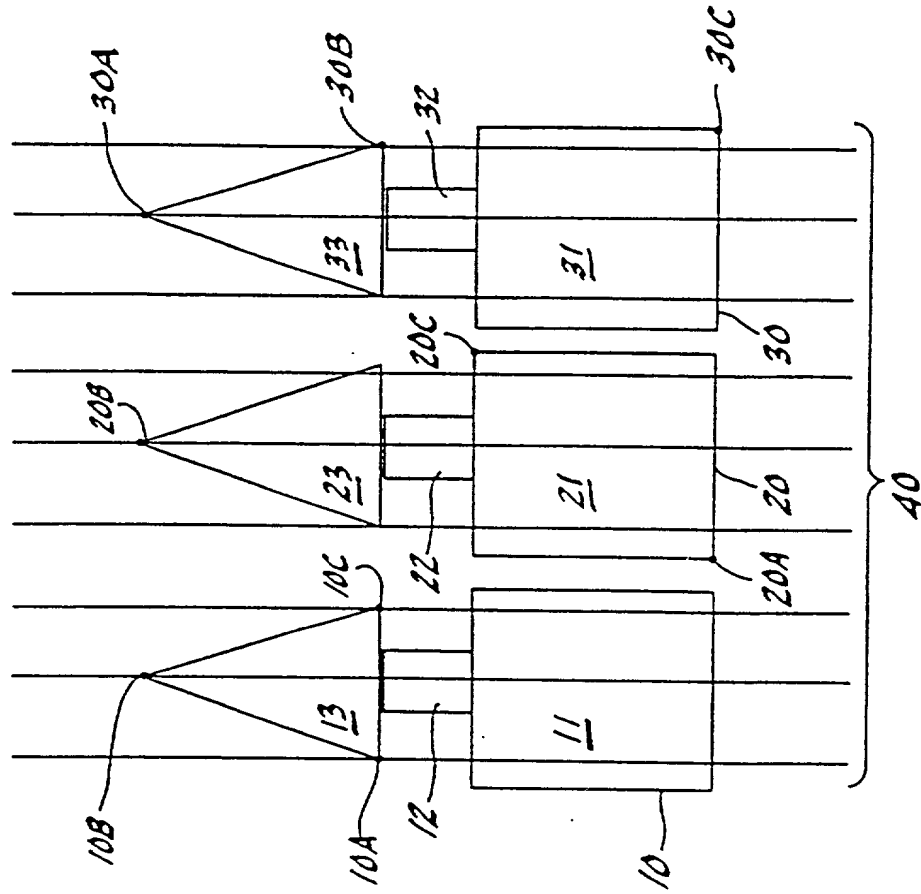


FIG. 4

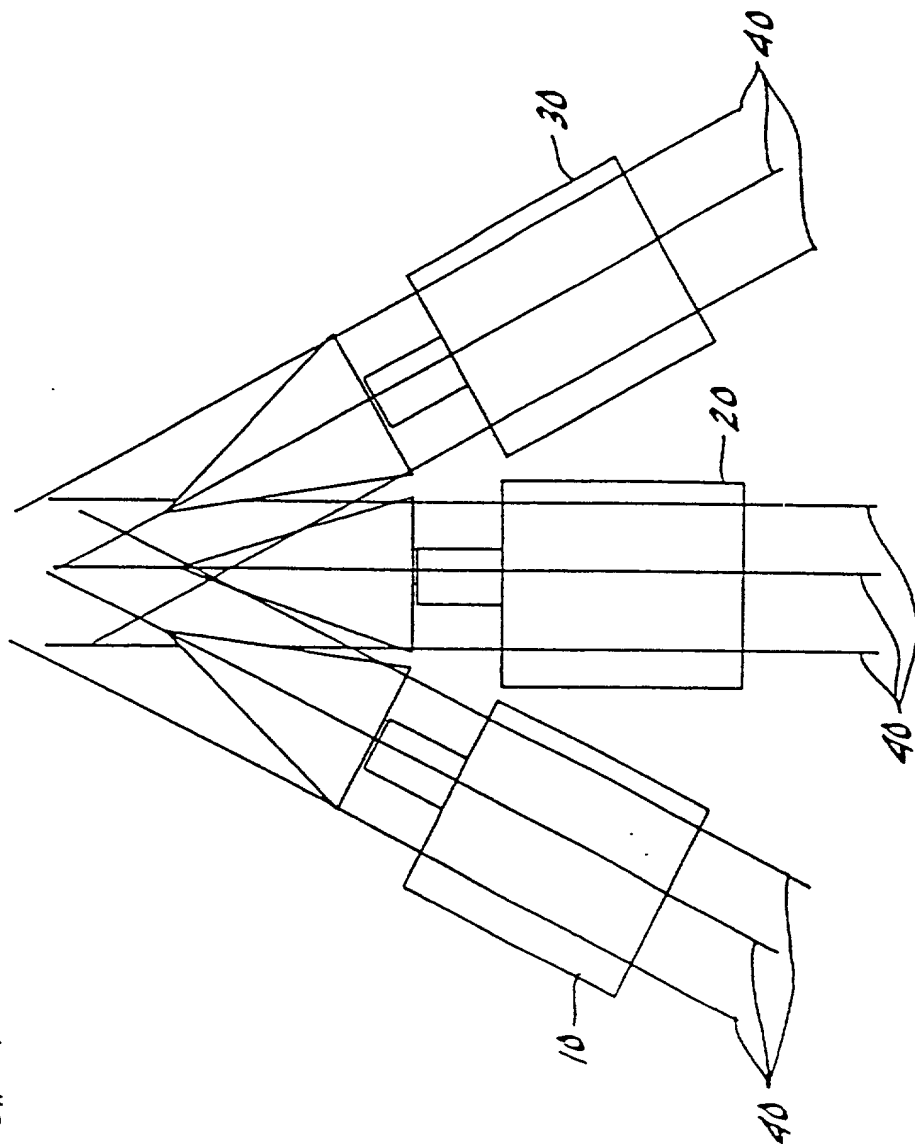


FIG. 5

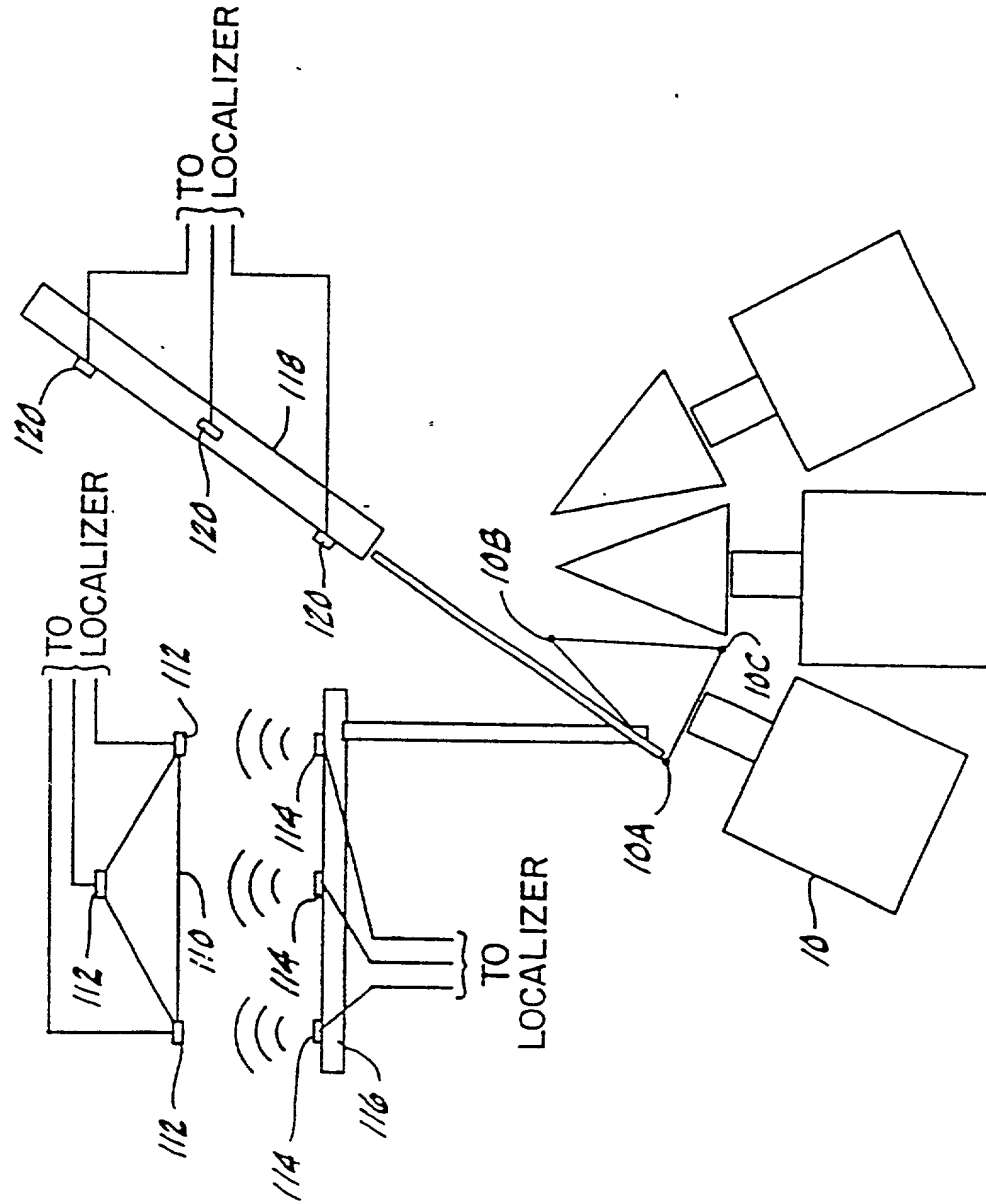
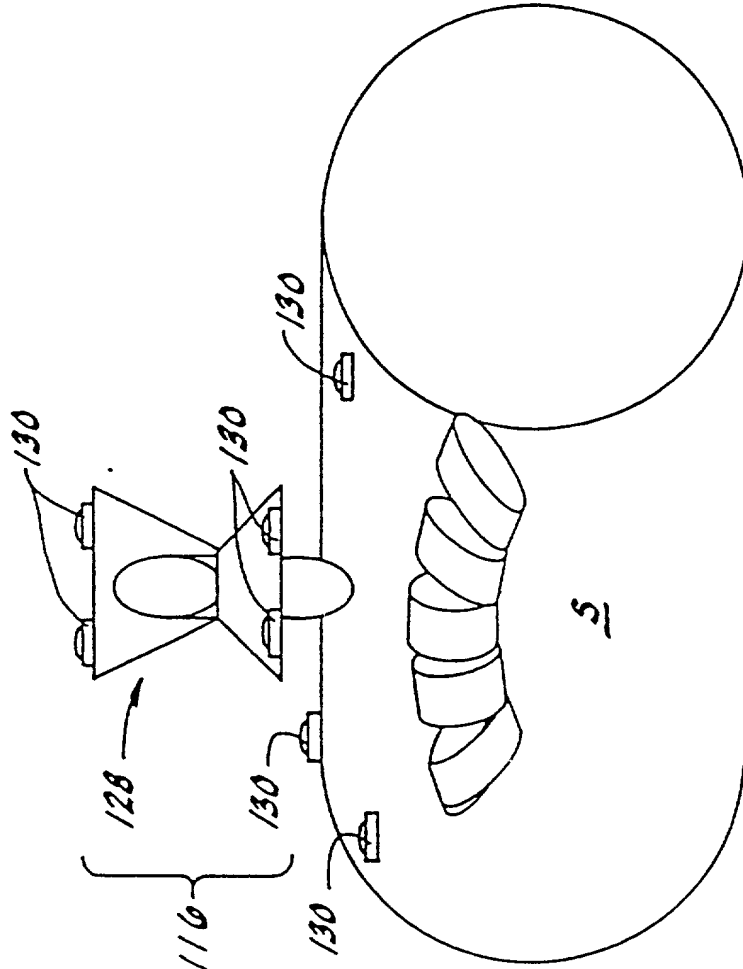


FIG. 6



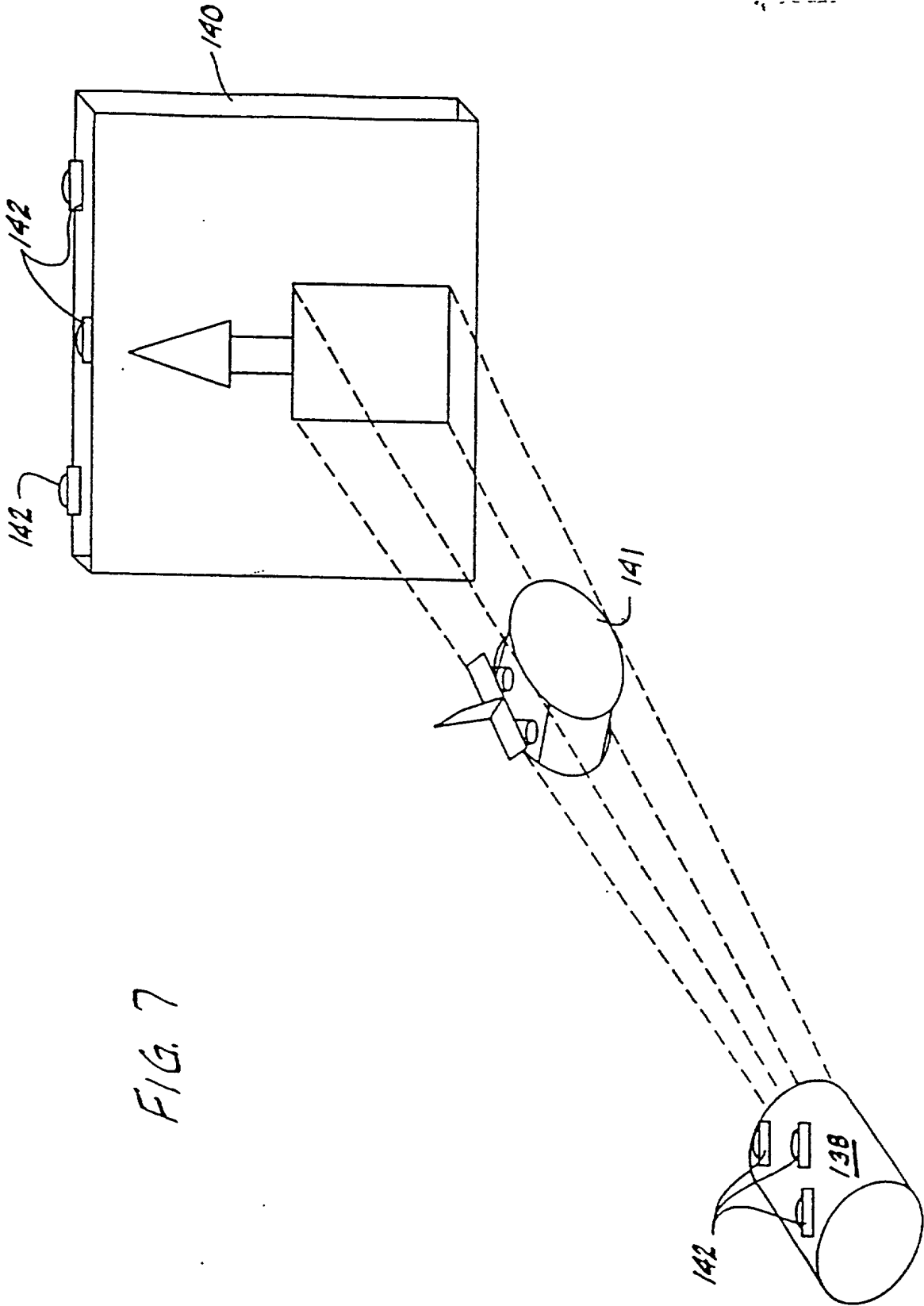


FIG. 7



FIG. 8

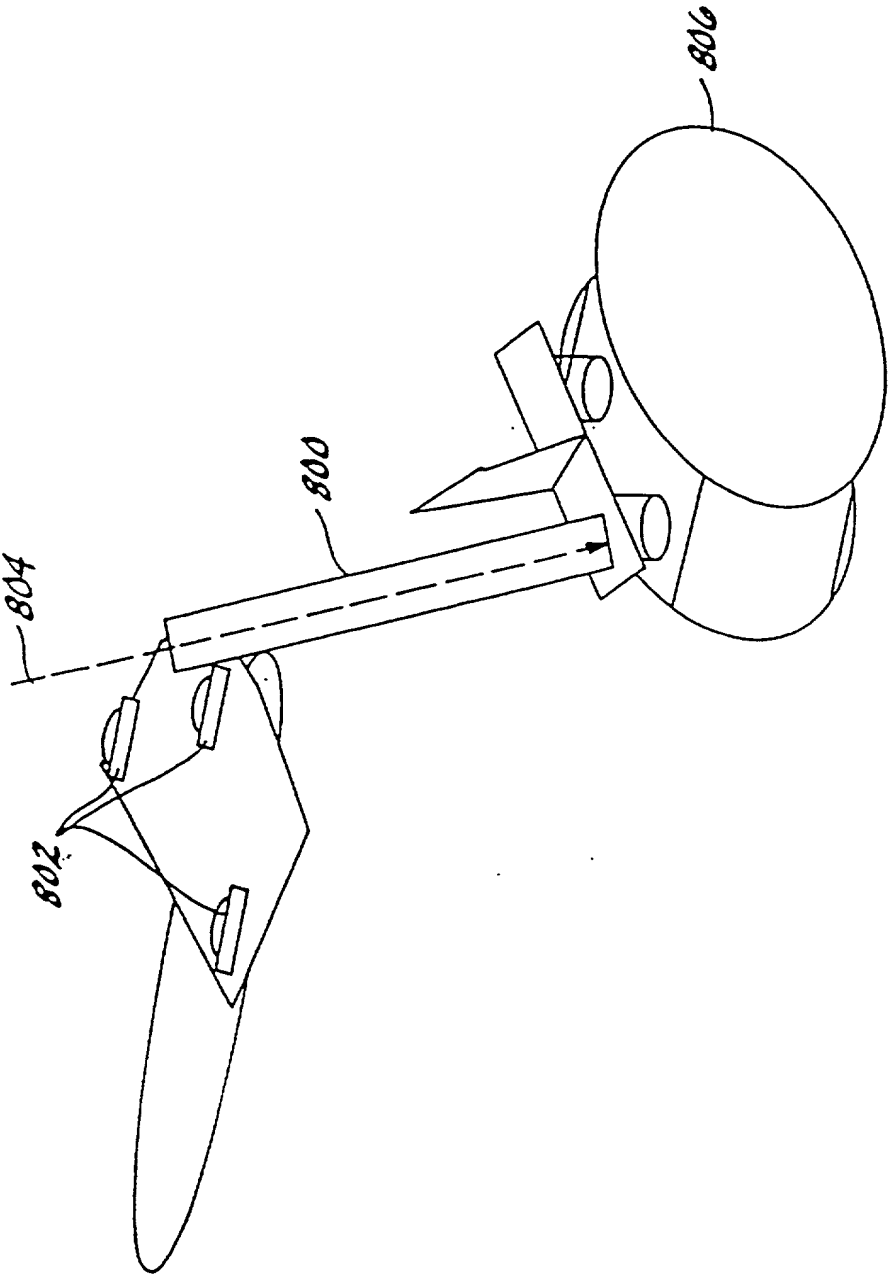


FIG. 9

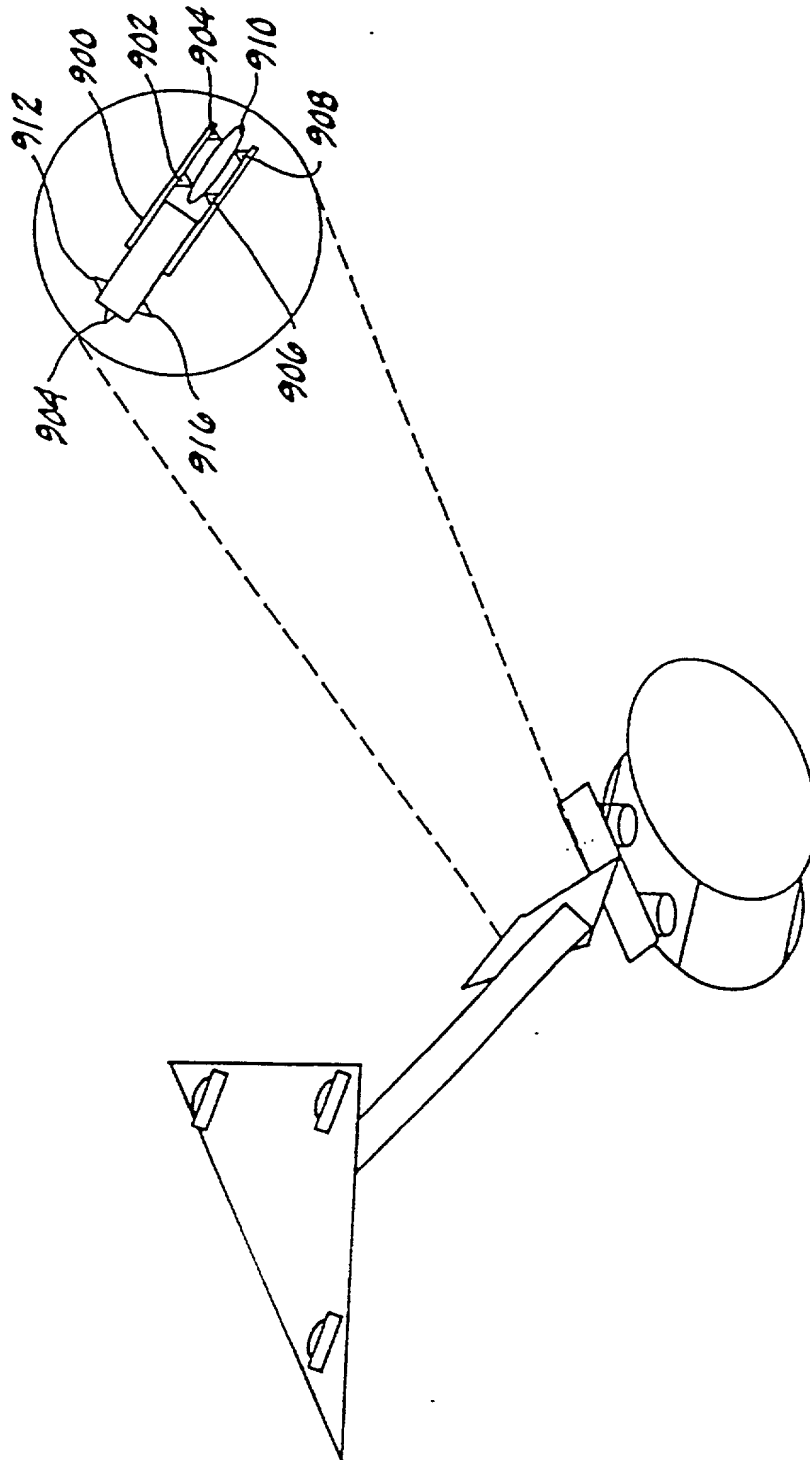


FIG. 10

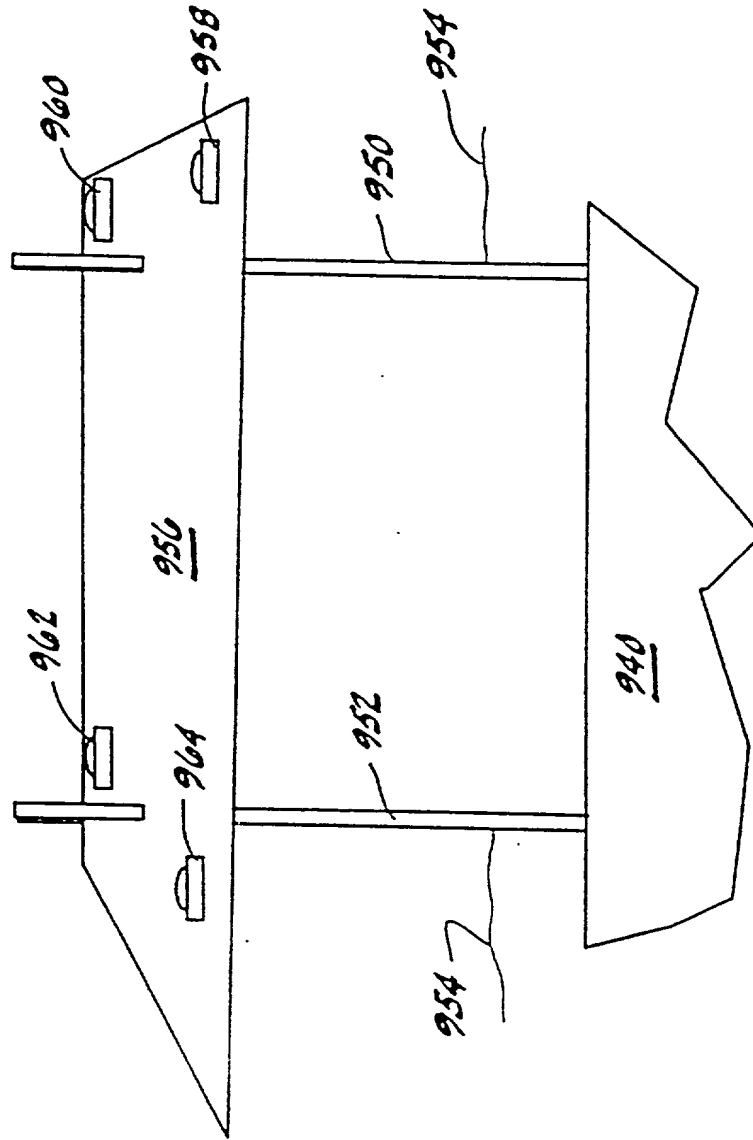


FIG. 11

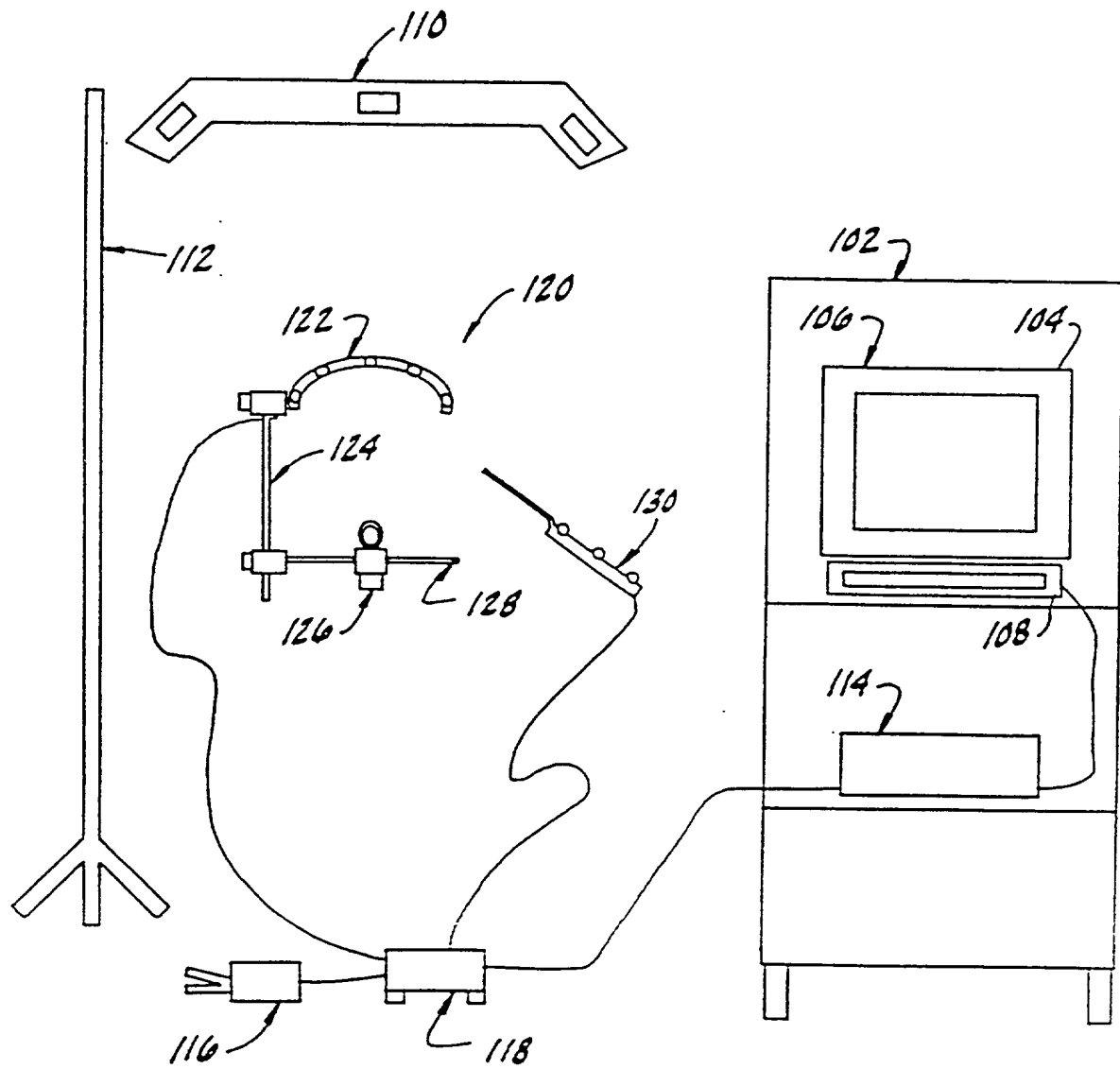


FIG. 11A

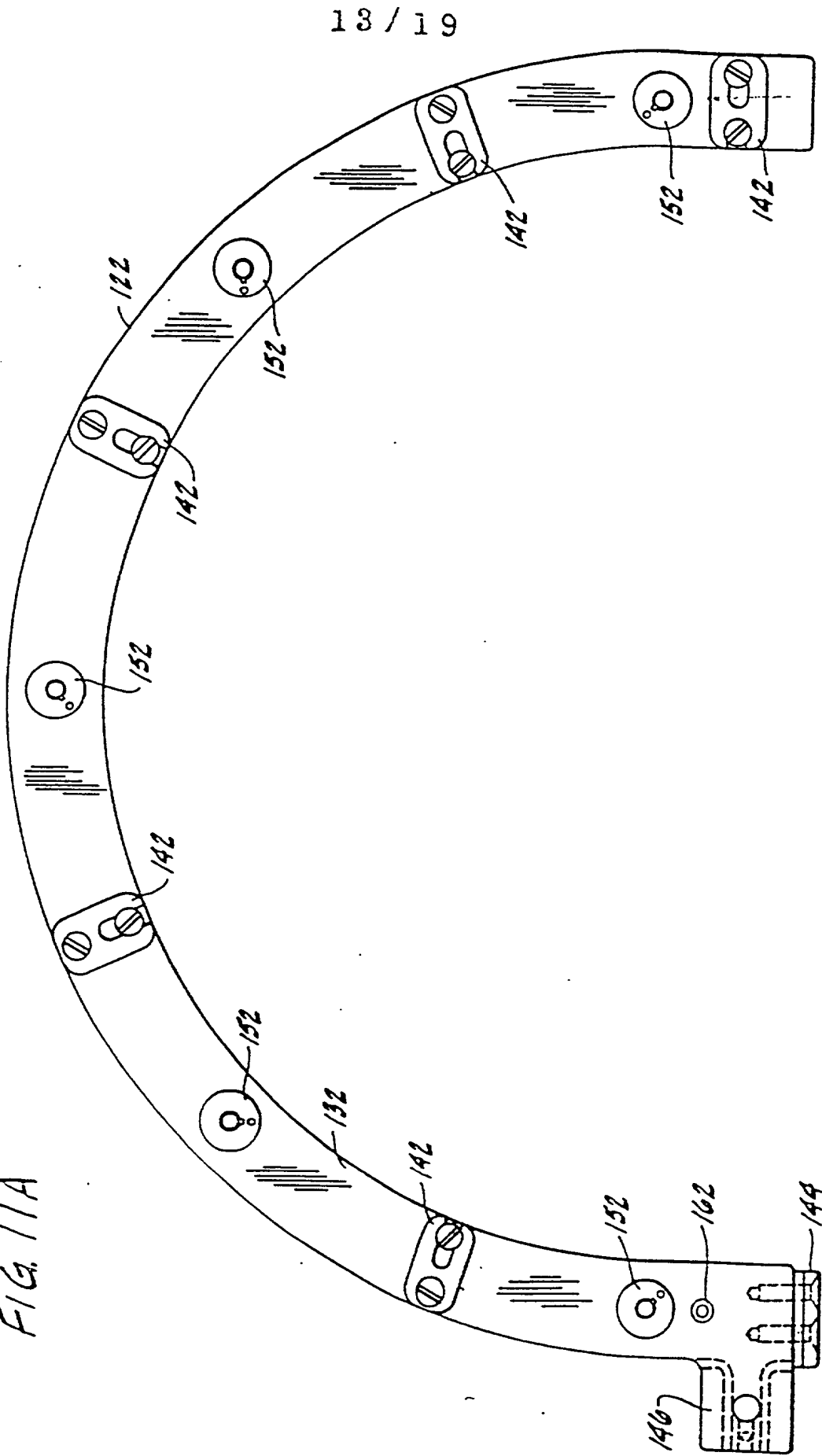


FIG. 11B

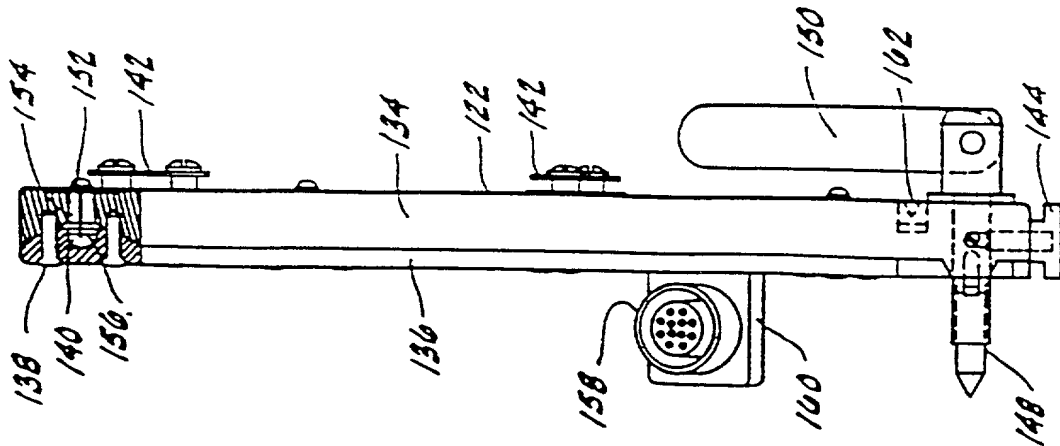
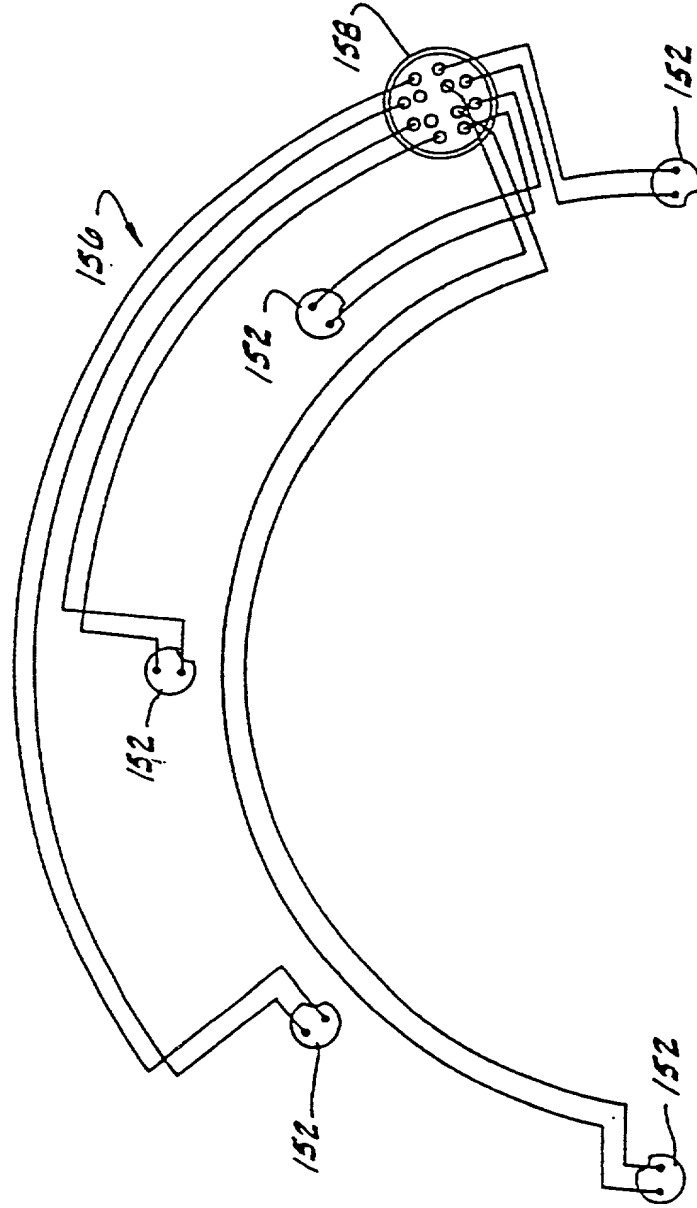
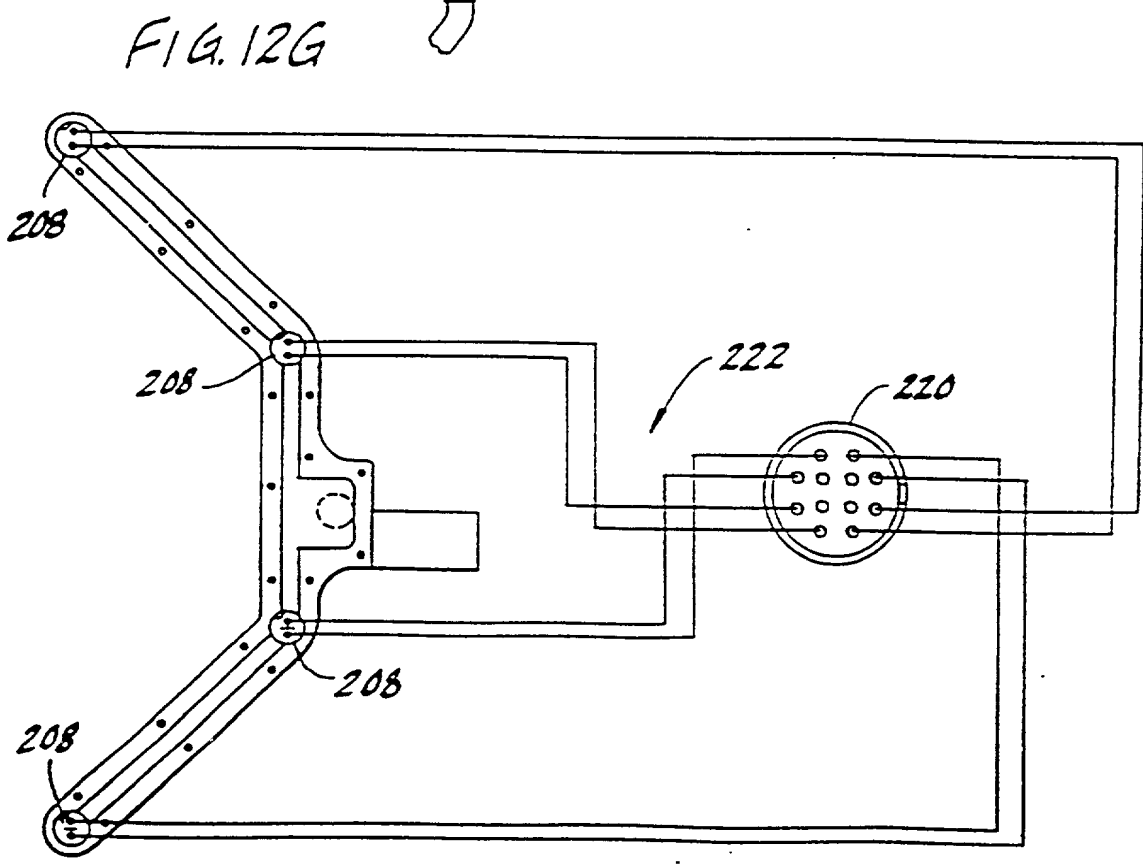
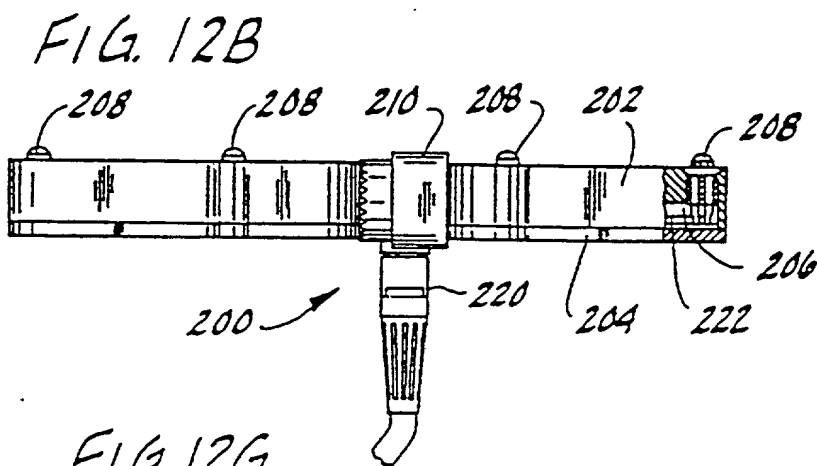
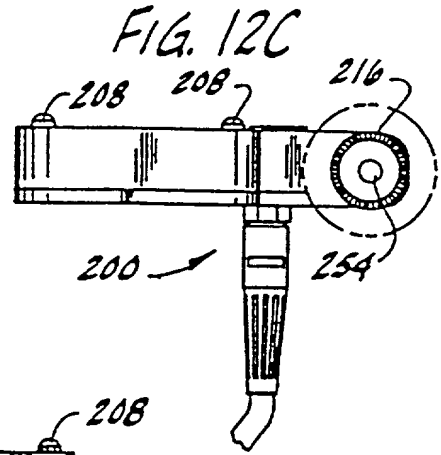
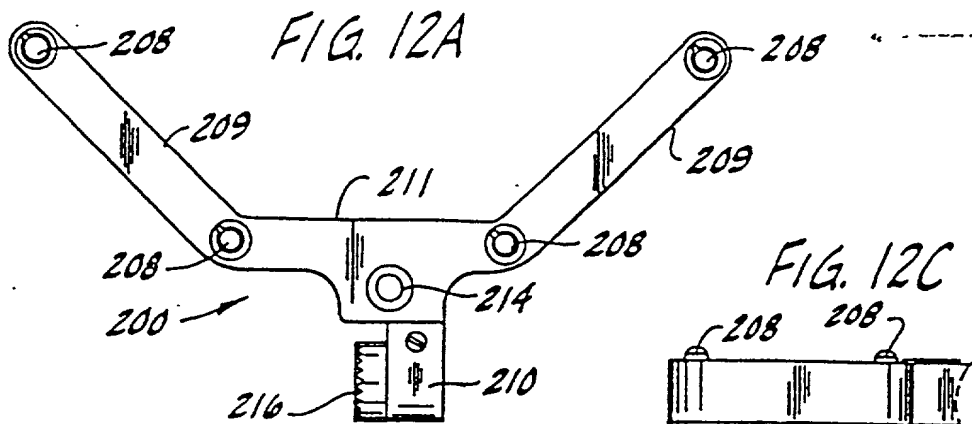


FIG. 11C





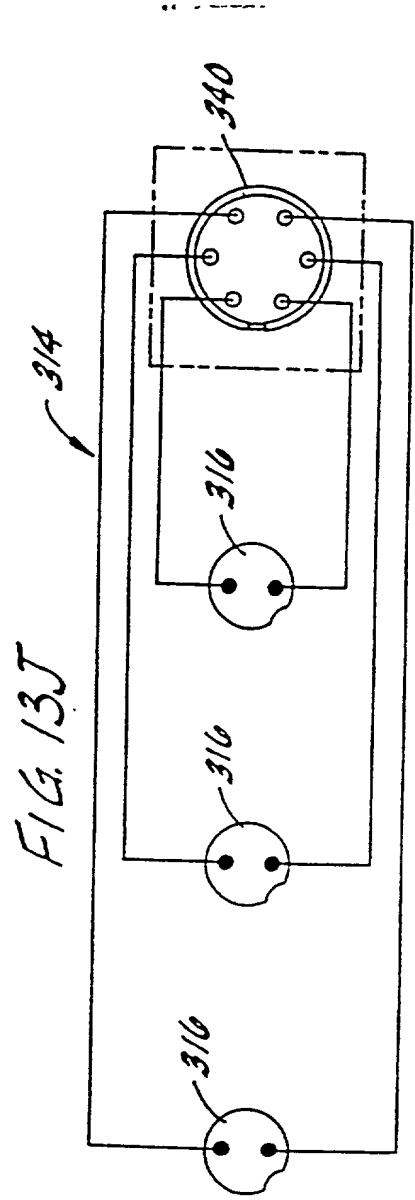
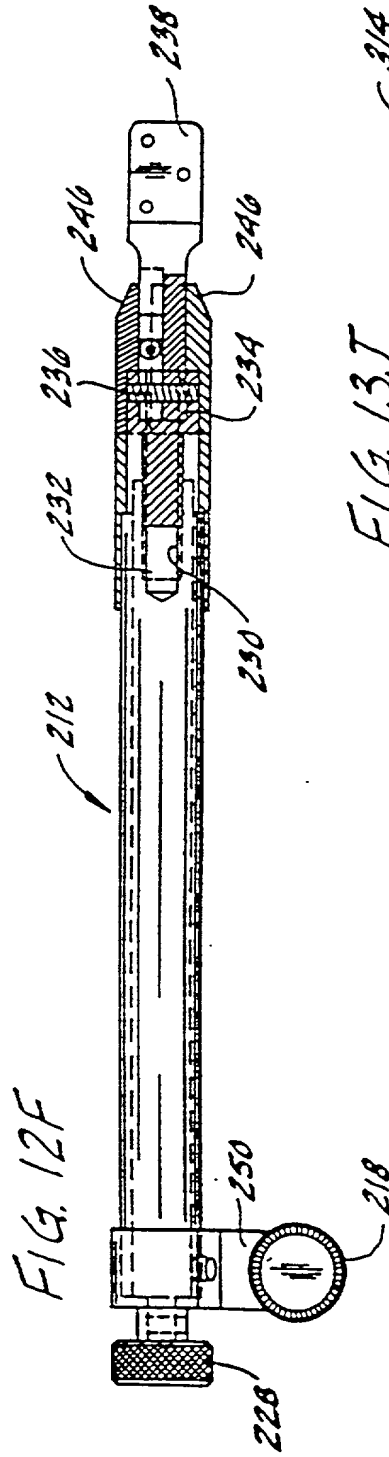
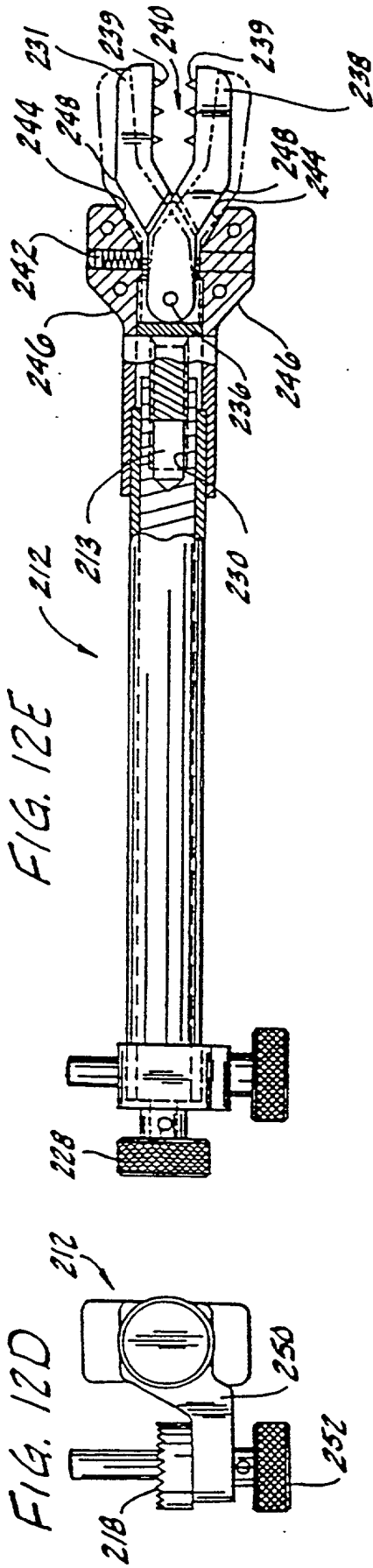




FIG. 13A

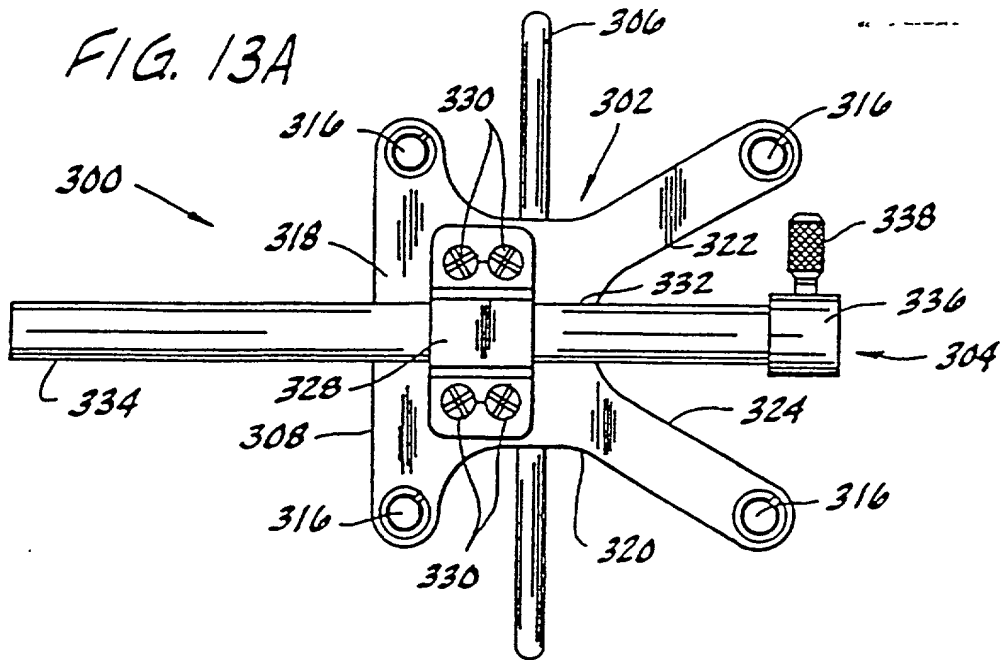


FIG. 13C

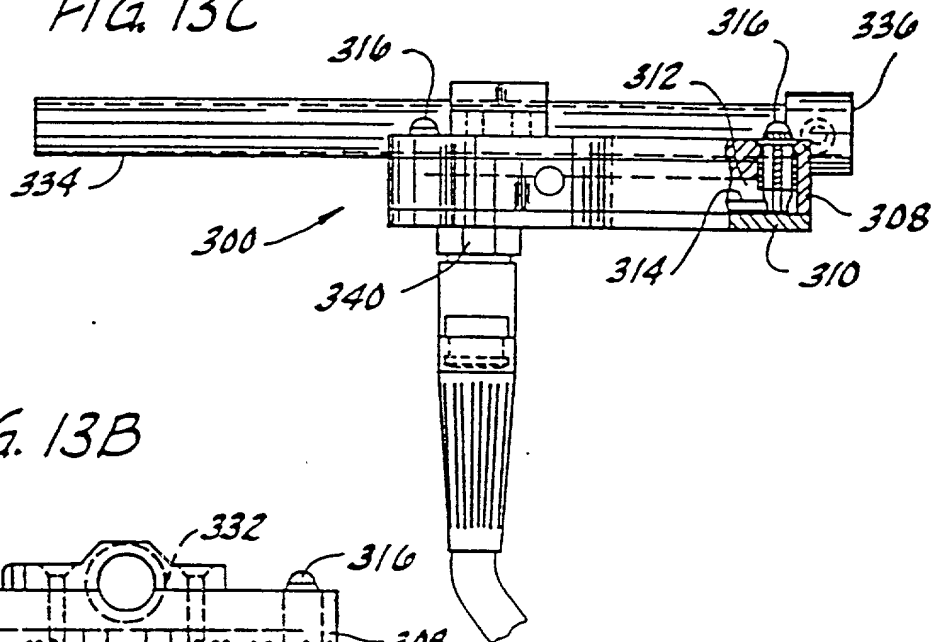


FIG. 13B

